CURRICULUM VITAE

PERSONAL INFORMATION

Name:	**Ho Le Thi (Ms.)**	Nationality:	**Vietnam**
Date of birth:	**November 1, 1974**	Cell:	**(+84) 944376329**
Place of birth:	**Son La Province**	Email:	**thihl.clrri@mard.gov.vn;**

EMPLOYMENT RECORD

1997-2009: Department of Farming Systems, CLRRI; Researcher

2009-2015: Department of Farming Systems, CLRRI; Vice head

09/2015-03/2016: Central Laboratory, CLRRI; Vice Head

03/2016-09/2019: Central Laboratory, CLRRI; Head

09/2019-08/2020: Centre for Analytical Services, CLRRI; Deputy Director

08/2020-12/2021: Centre for Analytical Services, CLRRI; Director

From 01/2022: Plant Protection Depart. Faculty of Agriculture, Can Tho University; Lecturer

From 08/2016: Inviting Professor, Plant Protection Depart. Can Tho University, VN
From 09/2019: Inviting Professor, Agriculture Faculty. Kien Giang University, VN

EDUCATION

- 1997: Can Tho University - Crop Production - Bachelor
- 2003: Can Tho University - Agronomy - Master
- 2009: Ehime University, Japan - Physiology and biochemistry in plant protection PhD.
- 2010-2011: University of Missouri, USA - Plant Science. Visiting Scholar (VEF Scholarship)
- 2011-2012: University of Missouri, USA - Plant Science. Postdoctoral Research Fellowship (School Scholarship)
- 2012-2013: University of Missouri, USA – Plant Science. Postdoctoral Research Fellowship (AAUW Scholarship)
- 2013-2015: University of Missouri, USA - Plant Science. Postdoctoral Research Fellowship (Faculty Scholarship)
- 04/2016: Ministry of Science and Technology Laboratory management according to VILAS standard Laboratory management certificate according to ISO standard: 17025. Certificate.
- 12/2017: Leaders in Innovation Fellowships Programme (LIF) at London, the UK for high-quality skills training focused on commercialization of scientific results. Certificate. (Short-term employed as part-time consultant for FAO-Vietnam in the Green Climate Fund (GCF) in 2017)
- 11-12/2018: Fostering pedagogical skills for university and college lecturers. National Academy of Education Management. Hanoi, Vietnam. Certificate
- 05-08/2020: Skills for Department-level leaders. School Management for Agriculture and Rural Development II. MARD. Ho Chi Minh City, Vietnam. Certificate

RESEARCH INTERESTS

- Development of the low carbon and enhanced climate change resilience rice-based value chain in the Mekong Delta, Vietnam.
- Bioremediation of pesticide residue, antibiotic residue, Endocrine Disrupting Compounds (EDCs) and Pharmaceuticals and Personal Care Products (PPCPs).
- Bio-herbicides research and production, both in plant pathology and allelopathy.
- Biochemical purification, identification and characterization of novel bio-molecules of economic importance; discovery of new bio-pesticides.
- Plant-microbe interactions.

SKILLS AND EXPERTISE

- Isolation, purification and characterization of bio-active compounds from organisms.
- Well trained in column chromatography, HPLC, LCMS-MS and GC MS-MS (15-year experience in handling HPLC, LCM, GC MS-MS and other chromatographic instruments)
- Experience in isolation, purification and propagation of fungi.
- Good experience in lab management.
- Excellent interpersonal skills, leadership abilities, team work attitude with positive and productive interaction in a diverse team of professionals.
- Good in designing lab and field experiments, writing grants/manuscripts
- Creativity, troubleshooting abilities, fast learner, good communication and presentation skills.

MEMBERSHIPS

2000 Vietnam Weed Science Association: Deputy president (From 2021)
2006 Japan Weed Science Association
2010 Vietnam Education Foundation (VEF)
2010 Vietnam Student Association at the University of Missouri, USA
2011 American Society of Plant biologists
2012 American Association University of Women (AAUW)
2012 American Society of Agronomy
2013 Vietnamese Students Association in America
2017 Vietnamese representative on the Steering Committee of the Asian Pacific Weed Science Society
2020 Peer reviewer for the UK Research and Innovation Fund (UKRI)

PUBLICATIONS

International

1. Danh C. Vu, Trang H.D. Nguyen, & **Thi L. Ho** (2022). May the Vietnam response have reduced daily new cases of COVID-19 in the country? Disaster Medicine and Public Health Preparedness, 1-11. doi:10.1017/dmp.2022.33
2. Trinh, Nguyen T.N., Nguyen N. Tuan, Tran D. Thang, Ping-Chung Kuo, Nguyen B. Thanh, Le N. Tam, Le H. Tuoi, Trang H.D. Nguyen, Danh C. Vu, **Thi L. Ho**, Le N. Anh, and Nguyen T.T. Thuy. 2022. "Chemical Composition Analysis and Antioxidant Activity of *Coffea*

robusta Monofloral Honeys from Vietnam" *Foods* 11, no. 3: 388. https://doi.org/10.3390/foods11030388

3. **Thi L. Ho**, Van L. Nguyen, Linh K. Phan, Cuong T. Nguyen, Trang H. D. Nguyen, Vang L. Van, Smeda J. Reid. 2022. Phytotoxicity in aqueous methanolic extracts of rice against junglerice and total activities of identified phytotoxic compounds. Annals of Applied Biology. Article DOI: 10.1111/aab.12746. In production.
4. **Ho, Thi L.**; Nguyen, Cuong T.; Vu, Danh C.; Nguyen, Tu T.C.; Nguyen, Vinh Q.; Smeda, Reid J. 2021. "Rice By-Products Reduce Seed and Seedlings Survival of *Echinochloa crus-galli*, *Leptochloa chinensis* and *Fymbristylis miliacea*" *Agronomy* 11, no. 4: 776. https://doi.org/10.3390/agronomy11040776
5. Mohamed Bayati Danh C. Vu Phuc H. Vo Elizabeth Rogers Jihyun Park **Thi L. Ho** Alexandra N. Davis Zehra Gulseven Gustavo Carlo Francisco Palermo Jane A. McElroy Susan C. Nagel Chung-Ho Lin. 2021. Health risk assessment of volatile organic compounds at day-care facilities. International Journal of Indoor Environment and Health (Indoor Air). First published: 15 February 2021. https://doi.org/10.1111/ina.12801.
6. Danh C. Vu, Trang H. D. Nguyen and **Thi L. Ho**. 2020. An overview of phytochemicals and potential health-promoting properties of black walnut. Royal Society of Chemistry. **10**, 33378-33388. DOI: 10.1039/D0RA05714B
7. **Ho Le Thi**, Nguyen Thi Cam Tu, Danh Cong Vu, Nguyen Y Nhu, Nguyen Thi Thuy Trang, Phong Ngoc Hai Trieu, Nguyen The Cuong, Lin Chung-Ho, Zhentian Lei, Lloyd W. Sumner, Le Van Vang. 2020. Allelopathic Potential of OM Rice Cultivars and Identification of Previously-Published Allelochemicals Using Cloud-Based Metabolomics Platform. *Metabolites* , *10*, 244. https://doi.org/10.3390/metabo10060244
8. Mohamed Bayati, **Thi L. Ho**, Danh C. Vu, Fengzhen Wang, Elizabeth Rogers, Craig Cuvellier, Steve Huebotter, Enos C. Inniss, Ranjith Udawatta, Shibu Jose, Chung-Ho Lin. 2020. Assessing the Efficiency of Constructed Wetlands in Removing PPCPs from Treated Wastewater and Mitigating the Ecotoxicological Impacts. International Journal of Hygiene and Environmental Health. Volume 231, January 2021, 113664. ISSN 1438-4639, https://doi.org/10.1016/j.ijheh.2020.113664.
9. Danh C.Vu, **Thi L. Ho**, Phuc H.Vo, Mohamed Bayati, Alexandra N.Davis, Zehra Gulseven, Gustavo Carlo, Francisco Palermo, Jane A.McElroy, Susan C.Nagel and Chung-HoLin. 2019. Assessment of indoor volatile organic compounds in Head Start child care facilities. Atmospheric Environment. 215, *15. https://doi.org/10.1016/j.atmosenv.2019.116900*
10. Davis AN, Carlo G, Gulseven Z, Palermo F, Lin CH, Nagel SC, Vu DC, Vo PH, **Ho L Thi**, McElroy JA. 2019. Exposure to environmental toxicants and young children's cognitive and social development. Rev Environ Health. 2019 Mar 26;34(1):35-56.
11. Danh Cong Vu, **Thi Le Ho**, Phuc Vo, Gustavo Carlo, Jane A. McElroy, Alexandra N. Davis, Susan C. Nagel, Chung-Ho Lin. 2018. Determination of Volatile Organic Compounds in Child Care Centers by Thermal Desorption Gas Chromatography-Mass Spectrometry. *Anal. Methods*, Advance Article in Royal Academy of Chemistry.10: 687-689.
12. AbuaIkem, Chung-HoLin, Bob Broz, Monty Kerley, **Ho Le Thi**. 2017. Occurrence of enrofloxacin in overflows from animal lot and residential sewage lagoons and a receiving-stream. Journal of Heliyon. 3 (10): 1-24.
13. **Ho Le Thi**, Haiying Zhou, Chung-Ho Lin, Shengjun Liu, Mikhail Berezin, Reid J. Smeda,and Felix B. Fritschi. 2017. Synthesis and plant growth inhibitory activity of *N-trans*-cinnamoyltyramine: its possible inhibition mechanisms and biosynthesis pathway. Journal of Plant Interactions. 12(1):52-57.
14. **Ho Le Thi**. Chung-Ho Lin, Nathan D. Leigh, Wei G. Wycoff, Reid J. Smeda and Felix B. 2014. Fritschi. Isolation and Identification of a Novel Allelochemical in Rice. Phytochemistry. 108: 109-121.

15. **Ho Le Thi**, Chung-Ho Lin, Reid J. Smeda and Felix B. Fritschi. 2014. Isolation and purification of growth-inhibitors from Vietnamese rice cultivars. Weed Biology and Management. 14: 221-231.
16. Hisashi Kato-Noguchi, **Ho Le Thi,** Hiroaki Sasaki and Suenaga Kiyotake. 2012. A potent allelopathic substance in cucumber plants and allelopathy of cucumber. Acta Physiologiae Plantarum. 34 (5): 2045-2049.
17. Hisashi Kato-Noguchi, **Ho Le Thi**, Toshiaki Teruya, Kiyotake Suenaga. 2011. Two potent allelopathic substances in cucumber plants. Scientia Horticulturae 129(4): 894-897
18. **Ho Le Thi**, Toshiaki Teruya, KiyotakeSuenaga and Hisashi Kato-Noguchi. 2009. Isolation and determination of allelochemicals from Vietnam local cucumber variety. Japanese Weed Science and Technology. Vol 54 (Sep.). P. 70.
19. **Ho Le Thi**, Duong Van Chin, Toshiaki Teruya, KiyotakeSuenaga and Hisashi Kato-Noguchi. 2008. Allelopathic potential of cucumber (*Cucumissativus*) – Isolation and characterization of a novel allelochemical. Japanese Weed Science and Technology. Vol. 53 (3). 158-159.
20. **Ho Le Thi**, Pham ThiPhuoug Lan, Duong Van Chin and Hisashi Kato-Noguchi. 2008. Allelopathic potential of cucumber (*Cucumissativus*) on barnyardgrass (*Echinochloa crus-galli).* Japanese Weed Science and Technology. Vol. 53 (3). 156-157.
21. **Ho Le Thi** and Hisashi Kato-Noguchi. 2008. Assessment of the Allelopathic Potential of Cucumber Plants. Environment Control in Biology. 46 (1): 61-64.
22. **Ho Le Thi,** Teruya Toshiaki, SuenagaKiyotake, Duong Van Chin and Hisashi Kato-Noguchi 2008. Allelopathy and the allelopathic activity of a phenylpropanol from cucumber plants. Plant Growth Regulation. 56 (1): 1-5.
23. **Ho Le Thi**, Pham Thi Phuong Lan, Duong Van Chin And Hisashi Kato-Noguchi 2008. Allelopathic potential of cucumber (*Cucumissativus*) on banyardgrass (*Echinochloa crus-galli*). Weed Biology and Management. 8 (2): 129-132.

National

24. Phan Khanh Linh, Nguyen Le Van, Phong Ngoc Hai Trieu and **Ho Le Thi.** 2021. Plant antagonism of pea grass (Arachis pintoi) extracts on *Echinochloa crusgalli* and *Echinochloa colonum*. Vietnam Science and Technology Journal. DOI: 10.31276/VJST. 63(12). 41-46.
25. Ngo Chi Nam, Phan Khanh Linh and **Ho Le Thi**. 2021. Study on the plant inhibitory properties of 6 species of chrysanthemum (Asteraceae) and quantification of total phenolic and flavonoid content. Version B of the Vietnam Science and Technology Journal, 63(5): 35-40.
26. **Ho Le Thi**, Phan Khanh Linh, Nguyen Le Van and Phong Ngoc Hai Trieu. 2020. Study on the prospects of plant antagonism in some popular rice varieties grown in the Mekong Delta and identify antagonists. Has been accepted to publish in the Journal of Agricultural Science and Technology of Vietnam. Printing.
27. Nguyen Thi Thuy Trang, Nguyen Thi Cam Tu, Le Van Vang and **Ho Le Thi**. 2020. Effect of methanol extract from eight rice varieties (Oryza sativa L.) OM on watercress grass (Echinochloa crus-galli L. Beauv.) And watercress (Brassica oleracea). Science journal of Can Tho University. 56 (1B): 136-142
28. Nguyen Le Van, Phan Khanh Linh, Phong Ngoc Hai Trieu, Nguyen The Cuong, Le Van Vang and **Ho Le Thi**. 2019. Study on the plant antagonism ability of 8 OM rice varieties on barnyardgrass and isolating the plant antagonists in OM4498 rice variety. Vietnam Journal of Agricultural Science and Technology.9 (106): 48-55
29. Nguyen Thi Cam Tu, Nguyen Thi Thuy Trang, Le Van Vang and **Ho Le Thi**. 2019. Evaluation of the resistance of some rice varieties (Oryza sativa L.) to the three main weeds in rice fields in the Mekong Delta. Vietnam Journal of Science and Technology. 62 (2): 1-6

30. **Ho Le Thi** and Hisashi Kato-Noguchi. 2019. Isolation and Identification of (6S,7E,9S)-6,9,10-trihydroxy-4,7-megastigmadien-3-one in Cucumber and Its Growth Inhibitory Activity on Cress, Lettuce, Barnyardgrass and Crabgrass. OmonRice Journal. CLRRI. 21: 66-75
31. **Ho Le Thi** and Hisashi Kato-Noguchi. 2018. Phân lập và định danh chất đối kháng cỏ dại (allelochemical) từ cây dưa leo. Tạp chí Khoa học Công nghệ Nông nghiệp Việt Nam - Số 3(88) /2018
32. Duong Hoang Son, **Ho Le Thi** and Hisashi Kato-Noguchi. 2010. Allelopathic potential and isolation process of allelopathic substances in barnyardgrass (*Echinochloa crus-galli*). Omon-Rice Journal, CLRRI, 17: 143-146.
33. Dương Van Chin, Luu Hong Man, **Ho Le Thi**, Nguyen The Cuong, B. A. Auld and S. D. Hetherington 2001. Study on fungal pathogens to control barnyard grass and sprangletop. Scientific Research Report from 2000 to 2001 of CuuLong Delta Rice Reasearch Institute. Agricultural Puplishing House, pp.109-111.
34. **Ho Le Thi**, Duong Van Chin, Luu Hong Man 2000. Utilization of *Setosphaeriarostrata* and *Cochliobolus lunatus* fungi to control *Leptochloachinenesis* and *Echinochloa crus-galli*(in Vietnamese). Journal of Vietnamse Ministry of Agriculture and Rural Development 2000.
35. **Ho Le Thi**, Nguyen The Cuong, Luu Hong Man, Duong Van Chin 1999. Study on fungi controlling barnyard grass (*Echinochloa crus-galli*) and red sprangletop (*Leptochloachinenesis* (L.) Nees). OmonRice Journal, CLRRI, Vol. 7, pp 189-191.
36. **Ho Le Thi**, Luu Hong Man, Duong Van Chin, Nguyen The Cuong, B.A. Auld and S.D. Hetherington 1998. Prospect for biological control of paddy weed *Echinochloa spp* and *Leptochloachinensis* in the Mekong Delta. OmonRice Journal, CLRRI, Vol. 6, pp 94-99.

SCIENTIFIC PRESENTATIONS

1. **Ho Le Thi**, Ngo Chi Nam. Study on the plant inhibitory properties of 6 species of chrysanthemum (Asteraceae) and quantification of total phenolic and flavonoid content. Scientific conference "Sustainable weed management in Vietnam", October 29, 2021. Can Tho, Vietnam.
2. **Ho Le Thi**, Nguyen Thi Cam Tu, Nguyen Le Van, Phong Ngoc Hai Trieu, Le Van Vang. 2019. Evaluation of direct resistance of some rice varieties (Oryza sativa L.) on three main invasive weeds in rice at the Mekong Delta. 4th Edition of Agricultural & Food Sciences conference. 14-15 October| Sunway Putra Hotel. Kuala Lumpur, Malaysia.
3. **Ho Le Thi**, Nguyen Thi Cam Tu, Vu Cong Danh, Nguyen Y Nhu, Nguyen Le Van, Phong Ngoc Hai Trieu, Nguyen The Cuong, Lin Chung-Ho and Le Van Vang. 2019. Identification of Previously-Published Allelochemicals in OM Rice Varieties with Cloud-Based Metabolomics Platform. The 27th Asian-Pacific Weed Science Society Conference. 3- 6th September 2019. Riverside Majestic Hotel, Kuching, Sarawak. Malaysia.
4. Bayati, M.;**Ho, T**.;Vu, D.;Wang, F.; Huebotter, S.; Inniss, E.; Udawatta, R.; Jose, S.; Lin, C. H.; Cuvellier, C. 2018. Efficiency of Columbia Wetlands in Removing Pharmaceuticals and Personal Care Products from Treated Municipal Wastewater. American Geophysical Union, Fall Meeting 2018. Society of Environmental Toxicology and Chemistry (SETAC). USA.
5. **Ho Le Thi**. Synthesis and Biological Activity of an Allelopathic Phenylethylamine from Rice. The 2nd Korea-Vietnam Joint Symposium on Biotechnology. May 9~12, **2018**. BNIT Auditorium, GNU. Korea
6. **Thi Ho**, Chung-Ho Lin, Felix Fritschi. 2017. A Plant Growth Inhibitor N-trans-cinnamoyltyramine in Rice and Its Synthesis. 8th World Congress on Allelopathy: Allelopathy for Suistanable Ecosystem. July 24-28, 2017 in Marseille, Provence, France. Page 119.

7. **Thi L. Ho**, Danh C. Vu, Fengzhen Wang, Craig Cuvellier, Steve Huebotter, Enos C. Inniss, Ranjith Udawatta, Shibu Jose, Chung-ho Lin. 2017. Effectiveness of the Engineered Wetlands in Removing 85 Pharmaceuticals and Personal Care products in Municipal Wastewater. The Ozark-Prairie Regional Chapter of the Society of Environmental Toxicology and Chemistry (OPSETAC) 2017 annual meeting. The theme is "Disseminating Our Results: The Importance of Scientific Communication with the Public". May 15, 2017. U.S. Geological Survey, Columbia Environmental Research Center Facility. MO. USA.
8. **Ho Le Thi**. 2016. Isolation and determination of an allelopathic *N-trans*-cinnamoyltyramine from *Oryza sativa* L.cv. OM 5930. In the proceeding of "The Second National Conference on Crop Sciences". August 11-12, 2016. Can Tho, Vietnam. Pps 1151-1156.
9. Chung-Ho Lin, Gustavo Carlo, Danh Vu, Alexandra Davis, Phuc Vo, **Thi Ho**, Jane McElroy, Francisco Palermo, and Susan Nagel. 2015. Pilot Data on Air Quality and Exposure to Environmental Toxicants in Early Childhood Education Centers. 2015 NIEHS/EPA Children's Centers Annual Meeting. Oct 29-30. 2015. Washington, DC. United State.
10. **Thi Le Ho**, Felix B. Fritschi and Chung-Ho Lin. 2013. Assessment of Allelopathic Potential in Rice - Exploration of Two Promising Allelochemicals. ASA, CSSA, SSSA International Annual Meetings. Nov 3-6**.** 2013. Tampa, Florida, United State.
11. **Ho Le Thi**, Chung-Ho Lin, Reid J. Smeda and Felix B. Fritschi. 2013. Exploration of two promising allelochemicals in rice. Missouri Life Science Week. April 15-20. 2013. Columbia, Missouri, United State.
12. **Ho Le Thi**, Felix B. Fritschi, Reid Smeda, and Chung-Ho Lin. 2011. Allelopathic potential of Vietnamese rice cultivars –Isolation and Identification of allelochemicals. The American Annual Conference of Plant Biologist. August 4-10, 2011. Minneapolis, Minesota, USA.
13. **Ho Le Thi.** 2009**.** Final presentation of Dissertation at the United School of Agricultural Sciences, Ehime University, Japan. Allelopathy in Vietnam Local Cucumber Variety (*Cucumissativus* L.cv. Phung Tuong) - Isolation, Determination and Activities of Allelochemicals.
14. Hisashi Kato-Noguchi, **Ho Le Thi**, Toshiaki Teruya and Kiyotake Suenaga. 2008. Isolation and identification of allelopathic substance in cucumber plants. The 5th congress on allelopathy "Growing awareness of the role of allelopathy in ecological, agricultural, environmental processes". September 21-25, 2008. The Saratoga Hilton, Saratoga Springs, New York, USA.
15. **Ho Le Thi** and Duong Van Chin. 2005. Study on the efficacy of *Setosphaeriarostrata* in controlling *Leptochloachinensis* in net-house and field conditions. The 20th Asian-Pacific Weed Science Society (APWSS) Conference Proceeding: Six Decade of Weed Science Since the Discovery of 2,4-D", 07-12 November 2005.
16. **Ho Le Thi**. Graduation Defense for M. Sc (Agronomy) degree. 2003. Cantho University, Vietnam. Study on bio-characteristics of *Setosphaeriarostrata*fungi and its effectiveness in controlling of *Leptochloachinensis* in wet-seeded rice.
17. **Ho Le Thi**, Duong Van Chin and Pham Thi Phuong Lan. 2005. Allelopathic effects of cucumber (*Cucumissativus*) residual extracts on germination and growth of barnyard grass (*Echinochloa crus-galli*). Poster presented at the 20th Asian-Pacific Weed Science Society Conference, Ho Chi Minh City, 07-12 November 2005.
18. Duong Van Chin, **H.L. Thi**, S. D. Hetherington, and B.A. Auld. 2003. *Setospharia rostrata*–A promising fungus for controlling *Leptochloa chinensis*in lowland rice. In the Proceedings of the 19th Asia Pacific Weed Sience Society Conference –Manila, Philippines –March 2003.
19. Chin D.V., **Thi H.L**., and Mai T.T.N. 2002. Biological control of *L. chinensis* (L.) Nees by using fungus *S. rostrata*. In the Proceedings of the 2002 Annual Workshop of JIRCAS-Mekong Delta Project, November 26-28, 2002.
20. **Ho Le Thi**, Nguyen The Cuong, Luu Hong Man, Duong Van Chin, B. A. Auld and S. D. Hetherington. 1999. Study on some fungi to control barnyard grass (*Echinochloa crus - galli* (l.) beaux) and red sprangletop (*Leptochloachinensis* (l.) nees) in rice. The 17th Asian-Pacific

Weed Science Society (APWSS) Conference Proceeding: Towards Sustainable Agriculture, November 22-27, 1999, Bangkok, Thailand.

PATENTS

1/ A provisional patent of "N-trans-cinnamoyltyramine from Rice for Weed Control" by U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE (PTO/SB/16 (09-11)). Docket number: 13UMC075prov. Registered July 31, 2014. University of Missouri, Columbia, Missouri, 65211. Thi Le Ho, Van Banh Le, Felix B. Fritschi, Chung-Ho Lin, Reid J. Smeda.
2/ A provisional patent of "Total Synthesis of an Allelopathic and Antitumor Agent N-trans-cinnamoyltyramine" by U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE (PTO/SB/16 (09-11)). UM Disclosure No. 15UMC001. Registered April 9, 2014. University of Missouri, Columbia, Missouri, 65211. Thi Le Ho, Felix B. Fritschi, Chung-Ho Lin, Reid J. Smeda, Shengjun Liu.

BOOKS

1. Duong Van Chin and **Ho Le Thi**. 2010. Fifty years of weed research in rice in Vietnam. Book: Vietnam-fifty years of rice research and development. Editors: Bui Ba Bong, Nguyen Van Bo, Bui Chi Buu. Hanoi Agriculture Publishing House. 414 pages: 283-292. ISBN - 978-81-931978-7-5.
2. Hisashi Kato-Noguchi, **Ho Le Thi**. 2012. Cucumber as a Source of Biological Active Substances. Vegetable Consumption and Health: New Research Chapters eBooks. Editors: Claudia Wilson and Melinda Morree. Nova Science Publishers. Pp. 111-124. ISBN: 978-1-62100-941-2
3. Virender Kumar1, JhoanaOpeña, Katherine Valencia, **Ho Le Thi**, Nguyen Hong Son, Dindo King Donayre, Joel Janiya, David E. Johnson. 2017. Chapter 11: Rice Weed Management in Southeast Asia @ APWSS 2017. Weed Management in Rice in the Asian-Pacific Region (Eds. A.N. Rao and H. Matsumoto). Pp. 282-307. ISBN -13: 978-81-931978-4-4

INVITED SEMINARS

1. Rice production and status of weed research and management in Vietnam. Plant Talk academic and research program. 2013. Plant Sciences Division. The University of Missouri, Columbia, Missouri.
2. Allelopathic potential in rice, isolation and determination of allelochemicals. American Association University of Women annual meeting. AAUW Columbia, Missouri Branch Meeting. November 13, 2012.
3. Allelopathic potential of Vietnamese rice cultivars. 2012 UMCA annual review. The University of Missouri, Columbia, Missouri.
4. Allelopathy Rice Research Status in Vietnam. Plant Talk academic and research program. 2011. Plant Sciences Division. The University of Missouri, Columbia, Missouri.
5. Vietnam Rice Production and Status of Weed Research and Management. Department of Applied Biology Science Seminar Series, Summer Semester, 2009. Kagawa University, Miki, Kagawa, Japan.
6. Auto-toxic potential of Cucurbit crops. Department of Applied Biology Science Seminar Series, Spring Semester, 2008, Kagawa University, Miki, Kagawa, Japan.
7. Summarizing the studies on mycoherbicide at the Cuu Long Delta Rice Research Institute (5/2000 - 5/2002). In the Research Collaboration Program between CLRRI and ACIAR. 7/2002. Cuu Long Delta Rice Research Institute. Vietnam

RESEARCH AND EDUCATION AWARDS

- **Visiting research specialist**, 9/2013-6/2015 at Plant Sciences Department and School of Natural Resources, University of Missouri, Columbia, Missouri, USA.
- **Medal for the Agriculture and Rural Development** from Vietnam Ministry of Agriculture and Rural Development (MARD). 2015
- **Japan International Award for Young Agricultural Researchers 2014** for one of three recipients from developing countries. Akihabara Convention Hall, Tokyo, Japan. 11/ 2014.
- **Posdoctoral Fellowship,** 2012-2013by American Association of University Woman (AAUW) - to do the research on allelopathy in Vietnamese rice cultivars.
- **Professional Development Scholarship,** 2010-2011 by Vietnam Education Foundation (VEF) - to work and get more experience on allelopathy.
- **Junior Research Fellowship**, 2006-2009 by the Japanese Government (Monbukagakusho: Mext) - to pursue PhD program.
- **Junior Research Fellowship**, 2000-2003 by the Australian Center of International Agricultural Research (ACIAR) - to pursue M. Sc. research program.

LIST OF RESEARCH PROJECTS / PROJECTS PARTICIPATED:

1. Research on the Biological control of weed by using herbicidal fungi. Australian Center for International Agricultural Research. 1997-2005. **Participated.**
2. Study on allelopathic potential in cucumber, identifying and classifying allelochemicals. Ministry of Education, Culture, Sports, Science and Technology (MEXT) (Japan). 2006-2009. **Key member.**
3. Researching and selecting high-yielding Gac (*Momordica cochinchinensis*) variety. Department of Science and Technology of Can Tho. 2009-2011. **Co-PI**
4. Researching allelopathy in rice. Vietnam Education Foundation (VEF). 2010-2011. **PI**
5. Surveying and classifying antibiotics in Mississippi sediments. US Department of Agriculture (USDA). 2011-2012. **Participated.**
6. Study on identification and classification of allelochemicals in OM 5930 rice. American Association for Universities of Women (AAUW). 2012-2013. **PI**.
7. Qualitative and quantitative analysis of antibiotic residues, agrochemical residues in some agricultural products in Missouri. US Department of Agriculture (USDA). 2013-2015. **Participated**.
8. Air Quality and Exposure to Environmental Toxicants in Early Childhood Education Centers Center for Forest and Natural Resources, University of Missouri, USA. 2013-2015. **Participated**.
9. Occurrence and concentrations of pharmaceuticals in sewage lag and receiving water in central Missouri (United States) Center for Forest and Natural Resources Research, University of Missouri, USA. 2014-2015. **Participated**.
10. Evaluation of adaptability of OM rice in saline intrusion area of Tra Vinh province, Vietnam. Coordination board for ADM project in Tra Vinh province. 2016-2018. **Participated**.
11. Analysis of rice qualities and genotypes with molecular markers of rice varieties and hybrid combinations. Ministry of Agriculture and Rural Development - Regularly Functional Task. 2016-2017. **PI**.
12. Enhancing climate resilience and low carbon rice development by value chain in the Cuu Long River Delta, Vietnam (GCF-CRLCR). FAO-Vietnam. 2017. **Part-time country expert.**
13. Research on the potential of allelopathy in rice - Isolation and identification of allelochemicals in 8 popular cultivated rice varieties in Mekong Delta Vietnam. National Science and Technology Development Foundation (Nafosted). 2017-2019. **PI**

14. A simplified cyber-infrastructure for collaborations to advance data accessibility" (SCICADA). Vietnam Education Foundation, University of Virginia and Water Resources University. 2018-2019. **Leader of Ecology group**.
15. Study on pest risks and measures to control weedy rice (Oryza spp.) in the Mekong Delta. Potential science and technology projects at agricultural ministerial level. 2019-2021. **Core participant.**
16. Identification and bioecological studies of natural enemies of *Hiptage benghalensis*. Application to biological control of invasive plants. CIRAD. 2021-2023. Participant.

AWARDS AND HONORS

1. **Young Scientist award - conference grant**, 1999 by the Asian Pacific Weed Science Society –to attend the 17thAPWSS conference at Bangkok, Thailand.
2. **Young Scientist award - conference grant**, 2002 by the Asian Pacific Weed Science Society –to attend the workshop at International Rice Research Institute (IRRI), Philippine.
3. **Co- Scientist award - conference grant**, 2003 by Asian Pacific Weed Science Society –for an excellent report was presented in the 19th APWSS conference at Manila, Philippine.
4. **Young Scientist award - conference grant**, 2004 by Asian Weed Science Society –to attend the workshop at Bangkok, Thailand.
5. **Japanese Government Merit Medal** for one of the best outstanding Ph.D. students of the United Graduate School of Agricultural Sciences, Ehime University, Japan, 2009.
6. **Japan International Award for Young Agricultural Researchers 2014** for one of three recipients from developing countries. Akihabara Convention Hall, Tokyo, Japan. 11/ 2014.
7. **Recognizing Medal for 20 year-serving for Agriculture and Rural Development in Vietnam**. 2015 - Ministry of Agriculture and Rural Development.
8. **Leaders in Innovation Program Award 2017**, selected by the Ministry of Science and Technology of Vietnam accompanied by the Royal Academy of Engineering, UK to attend a training workshop on commercialization of scientific research results in London, England, December 2017.
9. **Nafosted's award** for presenting a scientific paper at 27th Asian-Pacific Weed Science Society Conference on Sep. 3rd-6th, 2019 at Kuching, Malaysia.
10. One of 22 Vietnamese leaders in innovation team from 2015-2019 to attend the **Asia Innovates Summit** in Kuala Lumpur on the 15-18 October 2019. Royal Academy of Engineering and the Malaysian Industry-Government Group for High Technology (MIGHT).

OTHER SKILLS

- Computer skill: Competence in using Microsoft Word, Microsoft Excel, Microsoft Power Point, SAS, SPSS, R in statistical analysis of data.
- Language proficiency: Vietnamese, English: Good; Japanese: Fair

PERSONAL INTERESTS

- Reading, writing.
- Singing, traditional and modern dancing
- Sports: badminton, jogging, yoga.